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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| | Complete if Known | RECEIVED |
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| Application Number | 10/006,223 | |
| Filing Date | 12/10/01 | NOV 1 3 2002 |
| First Named Inventor | Mitterer, et al. | 1 0 2002 |
| Group Art Unit | 1651 | TED 4600/20 |
| Examiner Name | | TECH CENTER 1600/29 |
| Attorney Docket Number | 20695C-002100US | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--------------------------|----------|--------------------------------------|---|--|--|
| | U.S. Patent Document | | | | Pages, Columns, Lines, | |
| Examiner Initials * | Cite No. ¹ | Number | Kind Code ² (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Where Relevant Passages or Relevant Figures Appear |
| 32 | AA | 6,010,84 | 44 | Fischer et al. | 01/04/00 | |
| 3/2 | -AB | 6,100,00 | 61 | Reiter et al. | 08/08/00 | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|--------------|---------------------|----------------------|--|---|--|---|----------------|
| Examiner Initials* | Cite No.1 | Office ³ | oreign Patent Docume | Kind Code ⁵ (<i>if</i> | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T [®] |
| 12 | AC | PCT | WO 96/15231 | known) | | 05/23/96 | | |

| Examiner Signature | Zne | - Cra- | Date Considered | 6-3-03 |
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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| Examiner Name | | | | |
| Attorney Docket Number | 20695C-002100US | | | |

| | | OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS | |
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| 3/2 | AD | Cohen et al., Heptitis A Virus cDNA and Its RNA Transcripts Are Infectious in Cell Culture, Journal of Virology, Vol. 61:10, Pg. 3035-3039 (1987). | |
| 32 | AE | Ellouali et al., Affinity of trypsin for Amidine Derivatives Immobilized on Dextran-Coated Silica Supports, Chromsymp, 2215, Pg. 255-265 (1991). | |
| 32 | AF | Jurasek et al., An Improved Fractionation System for Pronase on CM-Sephadex, Canadian Journal of Biochemistry, Vol. 49, Pg. 1195-1201 (1971). | |
| 32 | - AG | Kasai, <i>Trypsin and Affinity Chromatography</i> , <u>Journal of Chromatography</u> , No. 597, Pg. 3-18 (1992). | |
| 3.7 | АН | Kasai et al., Affinity Chromatography of Trypsin and Related Enzymes, <u>Journal of Biochem</u> , Vol. 78:4, Pg. 653-662 (1975). | |
| 32 | AI | Kistner et al., Development of a Mammalian Cell (Vero) Derived Candidate Influenza Virus Vaccine, Vol. 16:9/10, Pg. 960-968 (1998). | |
| 32 | AJ | Litwin, The Growth of Vero Cells in Suspension as Cell-Aggregates in Serum-Free Media, Cytotechnology, Vol. 10, Pg. 169-174 (1992). | |
| 22 | AK | Manousos et al., Feasibility Studies of Oncornavirus Production in Microcarrier Cultures, In Vitro, Vol. 16:6, Pg. 507-515 (1980). | |
| 22 | AL | Miyata et al., Binding of Viral Glycoprotein with Trypsin and Its Relation to Virulency II. Comparison Between Bovine and Streptomyces Griseus Trypsins, Cell Structure and Function, Vol. 16, Pg. 39-43 (1991). | |
| 32 | АМ | Olafson et al., Enzymic and Physicochemical Properties of Streptomyces Griseus Trypsin, Biochemistry, Vol. 14:6, Pg. 1161-1167 (1975). | |
| 22 | AN | Olafson et al., Amino Acid Sequence of Streptomyces Griseus Trysin. Cyanogen Bromide Fragments and Complete Sequence, Biochemistry, Vol. 14:6, Pg. 1168-1177 (1975). | |
| 32 | AO | Shimura et al., Affinophoresis of Trypsins, Journal of Biochem, Vol. 92, Pg. 1615-1622 (1982). | |

| Examiner Signature | 7 | Date Considered | 6-4-03 |
|-----------------------|---|--------------------|--------|
| 3.3 | | | |

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Attorney Docket Number

Group Art Unit

Examiner Name

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known **Application Number** 10/006,223 Filing Date 12/10/01 **1 3** 2002 NOV Mitterer, et al. **First Named Inventor**

20695C-002100US

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| 32 | _ AP | Weinstein, Comparison of Pronase and Trypsin for Detachment of Human Cells During Serial Cultivation, Experimental Cell Research, Vol. 43, Pg. 234-237 (1966). | | | | |
| 32 | AQ | Wood et al., An Improved Single-Radial-Immunodiffusion Technique for the Assay of Influenza Haemagglutinin Antigen: Application for Potency Determinations of Inactivated Whole Virus and Subunit Vaccines, Journal of Biological Standardization, Vol. 5, Pg. 237-247 (1977). | | | | |
| 32 | AR | Wu et al., Purification of Trypsin by Affinity Chromatography with Sulphamethoxazolum Ligand, Biomedical Chromatography, Vol. 10, Pg. 228-232 (1996). | | | | |
| 32 | - AS | Yokosawa et al.: Affinity Chromatography of Trypsin and Related Enzymes, <u>Journal of Biochem</u> . Vol. 79, Pg. 757-763 (1976). | | | | |

| Examiner Signature | 3 me | Date Considered | 6-4-03 |
|-----------------------|------|--------------------|--------|

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